

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000532

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61B 5/04, G01N 19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01N, A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPO-INTERNAL, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5269325 A (S.E.ROBINSON ET AL), 14 December 1993 (14.12.1993), column 3, line 54 - column 5, line 48; column 10, line 1 - line 25	1,9,16
Y	--	2-8,10-15
X	EP 1302160 A1 (JAPAN SCIENCE AND TECHNOLOGY CORPORATION), 16 April 2003 (16.04.2003), part[0055-0061]	1,9,16
X	US 6370414 B1 (S.E.ROBINSON), 9 April 2002 (09.04.2002), column 3, line 1; column 4, line 51 - line 67	1,9,16

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

14 December 2004

Date of mailing of the international search report

17-12-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Sture Elnäs /itw
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000532

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6374131 B1 (S.TOMITA ET AL), 16 April 2002 (16.04.2002), column 2, line 45 - line 67 --	1,9,16
X	EP 0982597 A2 (NEUROMAG OY), 1 March 2000 (01.03.2000), [0044,0057-0058] --	1,9,16
X	EP 0632353 A1 (ELBIT LTD), 4 January 1995 (04.01.1995), page 2, line 35 - line 43; page 5, line 7 - line 14 --	1,9,16
Y	"MULTIPOLE EXPANSIONS OF ELECTROMAGNETIC FIELDS USING DEBYE POTENTIALS." C.G.Gray. In: A.M.Phys.46(2),Feb.1978.pp 169-179 -- -----	2-8,10-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

27/11/2004

International application No.

PCT/FI 2004/000532

US	5269325	A	14/12/1993	US	4977896	A	18/12/1990
				AT	134490	T	15/03/1996
				DE	69025612	D,T	13/06/1996
				EP	0477434	A,B	01/04/1992
				JP	3236630	B	10/12/2001
				JP	4210046	A	31/07/1992
<hr/>							
EP	1302160	A1	16/04/2003	AU	6953901	A	30/01/2002
				US	20040039291	A	26/02/2004
				JP	2002028144	A	29/01/2002
				WO	0205714	A	24/01/2002
<hr/>							
US	6370414	B1	09/04/2002	AT	209465	T	15/12/2001
				AU	2043699	A	09/08/1999
				CA	2319227	A,C	29/07/1999
				DE	69900494	D	00/00/0000
				EP	1049402	A,B	08/11/2000
				JP	2002500909	T	15/01/2002
				US	6111467	A	29/08/2000
				US	6697660	B	24/02/2004
				WO	9937206	A	29/07/1999
<hr/>							
US	6374131	B1	16/04/2002	CA	2279613	A	04/02/2001
<hr/>							
EP	0982597	A2	01/03/2000	CA	2281254	A	28/02/2000
				FI	112399	B	00/00/0000
				FI	981853	A	29/02/2000
				JP	2000088940	A	31/03/2000
				US	6538436	B	25/03/2003
<hr/>							
EP	0632353	A1	04/01/1995	IL	110095	A	18/03/1997
				JP	7167688	A	04/07/1995
				US	5406502	A	11/04/1995